

Science in the Cinema 2006

In partnership with the American Film Institute (AFI) Silver Theatre and Cultural Center, the National Institutes of Health (NIH) Office of Science Education (OSE) is pleased to announce its upcoming film and discussion series, *Science in the Cinema*. This popular summer film festival is open to the public and intended for a broad range of individuals who enjoy the cinema and have an interest in science and medicine. This year our series will touch on a variety of science topics, including Schizoaffective Disorder, Obsessive Compulsive Disorder, Tourette's Syndrome, Forensic Pathology, Operation Smile, End-of-Life issues, and physicist, Neils Bohr.

Science in the Cinema is a FREE film festival. Every Wednesday evening between July 12 and August 16, a film with a medical science-related theme will be shown in its entirety beginning at 7:00 p.m. Following each film, a guest speaker with expertise in the film's subject area will comment on the science depicted in the film and take questions from the audience. Tickets are free and are available on a first-come, first-served basis through the AFI Silver box office, day of show only. Seating is limited to the first 400 individuals.

All films will be shown with captions. American sign language interpreters will be available for the post-film discussions. If you require other reasonable accommodations to participate in this activity, please contact OSE at least 5 days prior to the event at (E-mail) moorec@mail.nih.gov, (Voice) 301-402-2470, or (TTY) 301-496-9706. For information about the AFI Silver Theatre and Cultural Center, visit AFI Silver's Web site at <http://afi.com/silver> or call 301-495-6720.

Schedule

July 12 - Copenhagen

Spencer R. Weart, Director, Center for History of Physics, American Institute of Physics, College Park, Maryland

A television adaption of Michael Frayn's celebrated and award-winning stage play about the meeting between physicists Niels Bohr (Stephen Rea) and Werner Heisenberg (Daniel Craig) in 1941 Copenhagen. At this time the young Heisenberg was leading a faltering German research program into nuclear energy, while the middle-aged and apparently isolated Bohr was in contact with allied agents, and still held a position of great influence in the nuclear physics research community. After the meeting the two men put different interpretations impressions of why Heisenberg requested the meeting, and what he hoped to gain from it, a theme which mirrors the ambiguity of the "Copenhagen" interpretation widely used in quantum physics. Did Heisenberg go to the avuncular Bohr to seeking his blessing for his role in nuclear research? Why did Heisenberg concentrate on the development of a nuclear reactor, and not perform the calculations that would show that a bomb could be made to work via a fast-neutron reaction in Uranium 235. These and other questions feature in the plot, although unsurprisingly there few certain answers.

Starring: Francesca Annis, Daniel Craig, Stephen Rea
Genre: Drama/History
Year: 2002
Run Time: 1 hour, 54 minutes
Rating: Not Rated

July 19 - Citizen X

Michael Sappol, Exhibition Curator, Historian, National Library of Medicine, National Institutes of Health, Bethesda, Maryland

Based on the true story of a Russian serial killer (Jeffrey DeMunn) who, over many years, claimed victim to over 50 people. His victims were mostly under the age of 17. In what was then a communists state, the police investigations were hampered by bureaucracy, incompetence and those in power. The story is told from the viewpoint of the detective (Stephen Rae) in charge of the case.

Starring: Stephen Rae, Donald Sutherland, Max Von Sydow, Jeffrey DeMunn, Joss Ackland, John Wood
Genre: Crime/Drama/Thriller
Year: 1995
Run Time: 1 hour, 43 minutes
Rating: Not Rated

July 26 - Dirty Filthy Love

Judith Rapoport, M.D., Child Psychiatry Branch, National Institute of Mental Health, National Institutes of Health, Bethesda, Maryland

A man's life falls apart as a result of his affliction with Obsessive Compulsive Disorder and Tourette's Syndrome in this touching and funny tale.

Starring: Michael Sheen, Adrian Bower, Claudie Blakley, Anastasia Griffith, Katie McGuinness
Genre: Drama/Romance
Year: 2004
Run Time: 2 hours
Rating: Rated R for sexual content, brief nudity and language.

August 2 - My Sister's Keeper

Mayada Akil, M.D., Senior Advisor to the Director, National Institute of Mental Health, National Institutes of Health, Bethesda, Maryland

It isn't always easy for sisters to find common ground and develop mutual respect. My Sister's Keeper is a poignant and sensitive portrayal of a real-life story of two sisters and their journey toward self-discovery and understanding. Academy Award winner Kathy Bates provides a remarkable performance as Christine, a woman who longs for independence and the personal fulfillment she associates with "an ordinary life." She is constantly frustrated, though, as she must rely on others for support. Elizabeth Perkins stars as Judy, her high-achieving younger sister, who lives a work-centered life as an art editor in New York City. Both their lives are interrupted when their mother suddenly dies. As the two sisters search for common ground between their very different worlds, they struggle to forge the type of strong loving relationship they hope will lead them to an unconditional acceptance of one another. My Sister's Keeper is an intimate and unforgettable look at an extraordinary life we rarely get to see.

Starring: Kathy Bates, Elizabeth Perkins, Lynn Redgrave, Kimberly J. Brown, Hallee Hirsch, Bobby Harwell
Genre: Drama
Year: 2002
Run Time: 1 hour, 30 minutes
Rating: Not Rated

August 9 - Smile

Guest Speaker: **Jaime S Brahim D.D.S, M.S., Senior Oral and Maxillofacial Surgeon, National Institute of Dental and Craniofacial Research, National Institutes of Health, Bethesda, Maryland**

Katie (Milka Boorem), a teenage girl from Malibu, California, finds herself in the throes of growing up, facing her parents, her boyfriends, her sexuality and a very privileged life. Half a world away in rural, China, Lin (Yi Ding), born on the same day as Katie, faces a much different reality. Because of a severe facial deformity, she lives a life of fear and shame. Her father, Daniel (Luoyong Wang), has devoted his life to her, with hopes and dreams that her circumstances will change one day. The opportunity comes with the discovery of the worldwide "Doctor's Gift" program. Katie volunteers and comes to China. Once there, she is deeply touched by the work, which prompts her to take off on her own to find Lin. A "smile" is brought to Lin's face, Katie finds her soul and their extraordinary connection becomes a life-changing experience for both girls.

Starring: Sean Astin, Mika Boorem, Beau Bridges, Yi Ding, Linda Hamilton, Athena Hu, Jennifer Hutchins, Julia Ling, Cheri Oteri, Essie Shure, Jia Song, Jonathan Trent, Erik von Detten

Genre: Adventure/Drama

Year: 2005

Run Time: 1 hour, 37 minute

Rating: Rated PG-13 for some mature content involving teen sexuality.

August 16 - Wit

Marie T. Nolan, DNSc, RN, Associate Professor, School of Nursing, Johns Hopkins University, Baltimore, Maryland

Based on the Margaret Edson play, Vivian Bearing (Emma Thompson) is a literal, hardnosed English professor who has been diagnosed with terminal ovarian cancer. During the story, she reflects on her reactions to the cycle the cancer takes, the treatments, and significant events in her life. The people that watch over her are Jason Posner (Jonathan M. Woodward), who only finds faith in being a doctor; Susie Monahan (Audra McDonald), a nurse with a human side that is the only one in the hospital that cares for Vivian's condition; and Dr. Kelekian (Christopher Lloyd), the head doctor who just wants results no matter what they are.

Starring: Emma Thompson, Christopher Lloyd, Eileen Atkins, Audra McDonald, Jonathan M. Woodward, Harold Pinter, Rebecca Laurie, Su Lin Looi, Raffaello Degruttola, Miquel Brown

Genre: Drama

Year: 2001

Run Time: 1 hour, 38 minutes

Rating: Rated PG-13 for some thematic material

AFI Silver Theatre and Cultural Center Location, Directions, and Parking

Where is the AFI Silver Theatre and Cultural Center located?

8633 Colesville Road
Silver Spring, MD 20910

(At the intersection of Colesville Road and Georgia Avenue in downtown Silver Spring.)

How do I get there by car?

The AFI Silver Theatre and Cultural Center is less than two miles south of Beltway exit 30 (Colesville Road) and exit 31 (Georgia Avenue). The theatre is also convenient to the Bethesda area via East-West Highway and to downtown Washington via 16th Street, N.W.

Where do I park?

Convenient parking is available to AFI patrons behind the Lee Building at the corner of Colesville Road and Georgia Avenue (\$ 3.00 for the entire evening). The lot can be entered from either Georgia Avenue or Fenton Street. The AFI Silver is also within easy walking distance of several public parking decks. The closest is one-and-a-half blocks from the theatre at Colesville Road and Spring Street. The public garages offer free parking on weekends and metered rates of 50 cents per hour on weekdays.

How do I get there by Metrorail?

The AFI Silver Theatre is located on Colesville Road, just two blocks north of Metro's Red Line station in Silver Spring.

How do I get there by Metrobus?

The Silver Spring station is served by Metrobus routes 70, 71, J5, F4, F6, J1, J2, J3, J4, Q2, S2, S4, Y8, and Z5.

How do I get there by Ride-On Bus?

The Silver Spring station is served by Ride-On routes 1, 2, 3, 4, 5, 8, 9, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 22, and 28.

What if I have additional questions?

For information about ticketing, location, and directions, please contact the AFI Silver at (E-mail) silverinfo@afi.com, (Voice) 301-495-6720, or (Fax) 301-495-6777.

For further information about the Science in the Cinema film series, please contact the NIH Office of Science Education (OSE) at (E-mail) ose@science.education.nih.gov, (Voice) 301-402-2470, (Fax) 301-402-3034, or (TTY) 301-451-9706.